

Breathe
Easy

TRV TOTAL RECOVERY VENTILATOR

Today's homes require controlled ventilation to improve the Indoor Air Quality and maximize energy efficiency.

**The TRV is specifically designed for moderate/temperate geographies with winter temperatures below freezing and summer conditions that are hot and humid.
(Typically >75°F and 65% R.H.)**

The TRV is a new concept in ventilation that provides the compounded benefits of moisture transfer with unmatched heat recovery in a single unit.

This new configuration is the only way to ensure year round temperature and moisture transfer.



LIFEBREATH®
THE ULTIMATE AIR EXCHANGER

- **ASHRAE 62.2 Ventilation Standards**
- **Sensible and Latent transfer for all 12 months**
- **Adjustable ventilation rates with ControlAir 15 - 5 selectable speeds**
- **Automatic damper defrost**
- **Intermittent operation**





ENGINEERING DATA

MOTORS AND BLOWERS - Each air stream has one centrifugal blower driven by a common PSC motor. 5 speed fan operation.
120 VAC, 1.5 Amps.

FILTERS - Washable air filters in exhaust and supply air streams.

MOUNTING THE TRV - Four threaded inserts at corners of case designed to accept four reinforced polyester straps that are supplied with the unit.

DEFROST - Damper defrost system.

DEHUMIDISTAT - Adjustable Internal Dehumidistat.

CASE - Twenty gauge prepainted galvanized steel (G60) for superior corrosion resistance. Insulated to prevent exterior condensation.
Drain connections 2 - 1/2" (12 mm) OD.

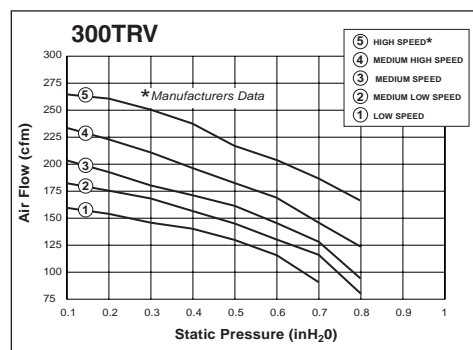
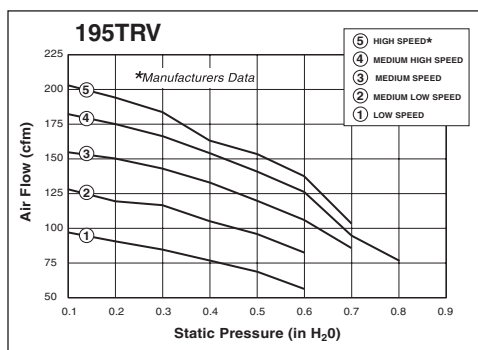
CONTROLS - ControlAir 15 - Standby/ON mode, 20 ON/ 40 OFF mode, Recirculation mode (on compatible units), (each mode has 5 speeds). Control pad can be removed from HRV and remotely mounted.

WEIGHT 106 lbs. (48 kg) **SHIPPING WEIGHT** 108 lbs. (49 kg)

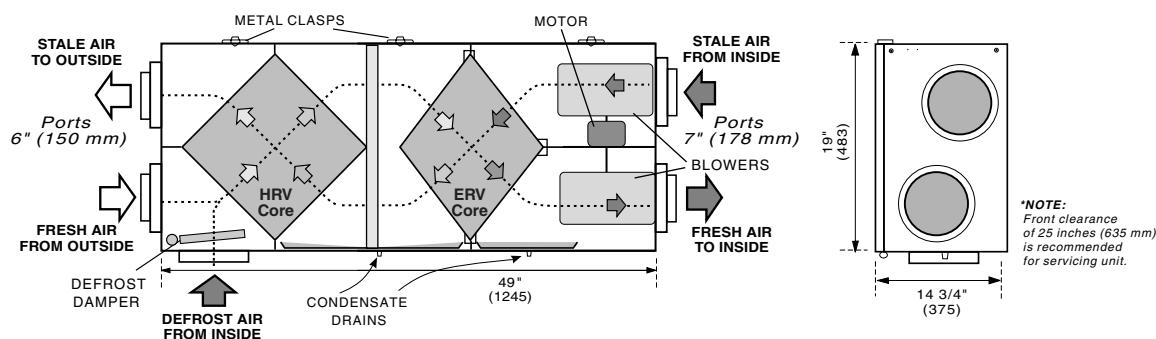
PERFORMANCE

Net supply airflow in cfm (L/s) against external static pressure

	195TRV		300TRV	
E.S.P	cfm	L/s	cfm	L/s
@ 0.1" (25 Pa)	203	(96)	265	(125)
@ 0.2" (50 Pa)	191	(90)	260	(123)
@ 0.3" (75 Pa)	182	(86)	250	(118)
@ 0.4" (100 Pa)	167	(79)	235	(111)
@ 0.5" (125 Pa)	155	(73)	220	(104)
VAC @ 60HZ	120		120	
WATTS / Low speed	100		150	
WATTS / High speed	173		333	
Amp rating	1.5		2.9	



DIMENSIONS 195TRV/300TRV inches (mm)



OPTIONS

99-104 **Digital Electronic Timer** - 20/40/60 min.

99-350 **Lifestyles Ventilation Control**

includes Programmable Time Clock and Dehumidistat

99-109 **Air Sentry™** Air Quality Monitor designed to accept remotely mounted Control Pad

99-250 **Ventilation Dehumidistat** - Dehumidistat designed to accept remotely mounted Control Pad.

99-160 **Duct Heater** w/ Electronic SCR Thermostat, 1 Kw, 7" (178 mm)

99-161 **Duct Heater** w/ Electronic SCR Thermostat, 2 Kw, 7" (178 mm)

99-186 **Weatherhoods**, Two - 6" (150 mm) c/w 1/4" (6mm) mesh screen

WARRANTY Units carry a LIFETIME warranty on the heat recovery core, a five year warranty on the ERV core and a 5 year replacement parts warranty.

All units conform to CSA and UL standards.



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